We Claim:

1 1.   A system for detecting changes to conditions of electronic certificates,

2   comprising:

3   a first computer system monitoring said electronic certificates to detect

4   changes to conditions of said electronic certificates; and

           a second computer system coupled to said first computer system, said

second computer system being notified by said first computer system of changes

in conditions of said electronic certificate.

2.   The system of claim 1, wherein said first computer system includes a detecting

module for monitoring changes to conditions of said electronic certificates and a

notifying module for notifying said second computer system.

1 3.   The system of claim 2, wherein said first computer system further includes a

2   processor for executing said detecting module and notifying module.

1 4.   The system of claim 3, wherein said second computer system includes a

2   notification module.

1 5.   The system of claim 4, wherein said first computer system further includes a

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2   contracting module for negotiating a contract.

1 6.   The system of claim 5, where said first computer system further includes an

2   electronic certificate server for providing access to said electronic certificates.

1 7.   The system of claim 5, wherein said first computer system is coupled to an

2   electronic certificate server including said electronic certificates.

1 8.   The system of claim 1, wherein said first computer system includes an electronic

2   certificate server for providing access to said electronic certificates.

9.   The system of claim 1, wherein said first computer system is coupled to an

    electronic certificate server for providing access to said electronic certificates.

10.   The system of claim 1, wherein said second computer system includes a

    notification module.

11.   The system of claim 1, wherein said second computer system is notified by said

2   first computer system through a third computer system.

1 12.   The system of claim 3, wherein said second computer system is notified by said

2   first computer system through a third computer system.

1 13.   The system of claim 4, wherein said second computer system is notified by said

2   first computer system through a third computer system.

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1   14.   The system of claim 10, wherein said second computer system is notified by said

2   first computer system through a third computer system.

1   15.   The system of claim 1, wherein said first computer system is a first server and

2   said second computer system is a second server.

1   16.   The system of claim 1, wherein said first computer system is a first CAP server

2   and said second computer system is a second CAP server.

1   17.   An electronic certificates system, comprising:

2   a means for monitoring one or more electronic certificates to detect a change to

3   conditions of said electronic certificates; and

4   a means for providing notification of said change to conditions of said electronic

5   certificates, and coupled to said first means.

    18.   A method, comprising the steps of:

            detecting a change to a condition of an electronic certificate with a first computer

            system; and

            providing notification to a second computer system of said detected change to a

5   condition of an electronic certificate detected by said first computer system.

1   19.   The method of claim 18, further comprising the step of creating an agreement

2   between said first computer system and said second computer system defining which

3   changes in conditions should trigger a notification.

1   20.   The method of claim 18, further comprising the step of recording said detected

2   change in condition in said first computer system.

1   21.   The method of claim 18, further comprising the step of determining whether said

2   detected change of condition is of interest to said second computer system.

1   22.   The method of claim 19, further comprising the step of determining whether said

2   detected change of condition is of interest to said second computer system.

1   23.   The method of claim 20, further comprising the step of determining whether said

2   detected change of condition is of interest to said second computer system.

1   24.   The method of claim 18, further comprising the step of determining a method of

      notification and a type of information to be relayed to said second computer system for

      said detected change to a condition of an electronic certificate.

25.   The method of claim 19, further comprising the step of determining a method of

      notification and a type of information to be relayed to said second computer system for

      said detected change to a condition of an electronic certificate.

26.   The method of claim 20, further comprising the step of determining a method of

      notification and a type of information to be relayed to said second computer system for

3   said detected change to a condition of an electronic certificate.

1   27.   The method of claim 23, further comprising the step of determining a method of

2   notification and a type of information to be relayed to said second computer system for

3   said detected change to a condition of an electronic certificate.

28.   The method of claim 18, wherein said first computer system is a first server and

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said second computer system is a second server.

29.   The method of claim 18, wherein said first computer system is a first CAP server and said second computer system is a second CAP server.